

Reference No.2

Patent

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Title of Invention: Air Bag

Applicant: Bridgestone

Abstract:

[Object to be Solved]

An air bag 31, which is inflated by a high temperature and pressure gas supplied by an inflator is exposed to a force in the direction to separate an outer circumferential portion which is connected by way of sewing or the like. Therefore, there is a need to provide means for preventing the outer circumferential connected portion from being separated. Therefore, it is the object of the present invention to provide an air bag which is highly reliable without the risk of the separation.

In the present invention, a number of radially extending folding lines 5, 5, on the outer portion of one sheet is formed. The inner portion thereof is to be an outer fabric 2 on the passenger side and the outer portion thereof is to be an backing fabric 3 having an opening 6 for an inflator through with a gas therefrom flows in. Therefore, it would only necessitate controlling the quality of one sheet and there is no need to carefully connect two sheets as in the conventional air bag. Further, in the present invention, since the outer circumferential portion 4 is merely folded, there exists no connected portion thereon. It makes it possible to provide a reliable air bag.